# Use Attainability Analysis

for

WBID 0915 Flagstaff Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 18, 2005

JU<sub>I 1 8</sub> 2005

## Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Flag Staff (rack
8-digit HUC: 10300104
Missouri WBID#: 915
County: Johnson
Upstream Legal Description: Sec 3, T47N R ZSW
Downstream Legal Description: Sec 6 + 474N R 24W
Upstream Coordinates:         442678         4305468           Downstream Coordinates:         448623         4305531
Downstream Coordinates: 448 623 4 305531
Discharger Facility Name(s):
Discharger Permit Name(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Greg Caldwell (573)-884-3494
Organization: DNR
Position: Soil Scientist III
I, the undersigned hearby affirm to the best of my knowledge, that all information reported

on this UAA datasheet is true and accurate.

### Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

	Missouri WBID #: 9/5 #1				Site Location Description:		
Site GPS Coordinates:	Bridge on Cty Rd 401						
Date & Time: 6/8/	Facility Na						
Personnel:	Permit Nu						
Current Weather Cond			for Past 7 Days:				
Photo Ids: Upstream		Downstream: 91			Other: 915		
Uses Observed*:	21		22		NOTA	esspass 23	
Swimming	Skin Diving	□ SCUBA	diving	☐ Tubi	ng	☐ Water Skiing	
☐ Wind surfing	☐ Kayaking	Boating		☐ Wad	ing	☐ Rafting	
☐ Hunting	☐ Trapping	☐ Fishing		4		Other:	
Surrounding Conditions and its second in the		nat promote or imp	ede recreatio	onal uses.	Attach photos o	of evidence or	
		nat promote or impo		1_	Attach photos o	of evidence or	
inusual items of interest.	` 	· ·	vation lands	☐ Urb		T	
City/County parks	☐ Playgrounds	☐ MDC conserv	vation lands	☐ Urb	an areas ure trails	Campgrounds	
□ City/County parks □ Boating accesses □ to trespass sign	☐ Playgrounds ☐ State parks Fence	☐ MDC conserved ☐ National fore	vation lands	Urb	an areas ure trails	Campgrounds	
□ City/County parks □ Boating accesses □ to trespass sign	☐ Playgrounds ☐ State parks Fence	☐ MDC conserved ☐ National fore ☐ Steep slopes	vation lands sts	☐ Urb	an areas ure trails	Campgrounds	
City/County parks  Boating accesses  to trespass sign  Evidence of Human	Playgrounds  State parks  Fence  Use*:	☐ MDC conserved ☐ National fore ☐ Steep slopes ☐ Dock/p	vation lands sts . latform	Urb Nat Oth	ure trails	☐ Campgrounds ☐ Stairs/walkway	

Site Locations Map(s): Attach a map of the entire segment with the assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreation use analysis but may point to conditions that need further analysis or that effect another use

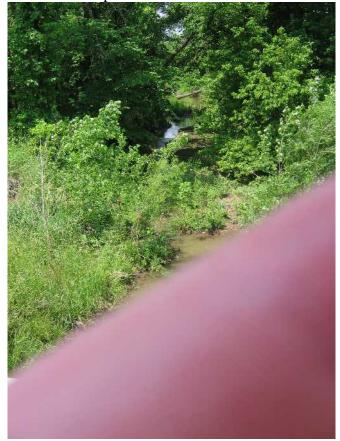
Page Two - WBID# 9/5-1: Data Sheet B - Site Characterization

Wie	dth (ft.):	Length (	ft.):	Avg. Depth (ft.):	N	fax Depth (ft.)	
	dth (ft.):	Length (		Avg. Depth (ft.):	M	lax Depth (ft.):	
Wic	ith (ft.): 14		`	Avg. Depth (ft.):		ax Depth (ft.):	1,75
Pı	resent?		□No				
am	View Phys	sical Dimens	ions:				
	dth (ft.):	Length (		Avg. Depth (ft.):	N	fax Depth (ft.)	
/ 1 / N N N N N	dth (ft.):	Length (		Avg. Depth (ft.):		lax Depth (ft.):	
	ith (ft.): / 2		1-1	Avg. Depth (ft.):		(ax Depth (ft.):	. ~
		^ -	□No	rrg. Depar (iii)		an zopai (iii).	(, )
*• (*							
Cot		should add up to % Gravel	% Sand	% Silt	961	Mud/Clay	% Bedroc
	acteristics*	: (Mark all that	apply)				
	☐ Sewag	_	Chemical	None	Othe	er	
		Green	☐ Gray	Milky	Oth	1/ /	4
	☐ Clear				Oth	er	
posi		e 🗆 Solids	☐ Fine sedime		Пол	er	
	t: Sludge	Scum	Fine sedime	None	☐ Oth		
posite: P	t: Sludge t: Oil Please attach a on is not to be understanding	Scum  additional comm  e used solely for g of water condi	Foam  nents (including in removal of a recretions. Consequent	formational tally, this is	on from in use design	use designation but rath	on from interviews) to this form.  use designation but rather is to provide information is not intended to directly inneed further analysis or that effect ano

WBID 0915-Downstream #1



WBID 0915-Upstream #1



#### Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

Missouri WBID #: 9	15#2		Site Location Description:			
Site GPS Coordinates:	445072 6	1305425	Bridge om St Rd CC			
Date & Time: 6/8/			Facility Name:			
Personnel:			Permit Nu	mber:		
Current Weather Cond	itions: SUNY X		Weather Conditions for Past 7 Days:			
Photo Ids: Upstream	915 UZ D	ownstream: 91	502	Other:		
ses Observed*:	24	ZS	5			
Swimming	☐ Skin Diving	☐ SCUBA	diving	☐ Tubing	☐ Water Skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating		Wading	Rafting	
☐ Hunting	☐ Trapping	☐ Fishing		☐ None of the above	Other:	
Describe: (include num	ber of individuals, fre	quency of use, pho	oto-docume	ntation of evidence of rec	ereational uses, etc)	
	tions*: (Mark all th			onal uses. Attach photos		
urrounding Condi	tions*: (Mark all th		ede recreatio	onal uses. Attach photos		
surrounding Condinusual items of interest.	tions*: (Mark all the	at promote or imp	ede recreatio	onal uses. Attach photos	of evidence or	
Surrounding Condinusual items of interest.  City/County parks	tions*: (Mark all the	at promote or impo	ede recreatio	onal uses. Attach photos	of evidence or  Campgrounds	
urrounding Condinusual items of interest.  City/County parks  Boating accesses	tions*: (Mark all the)  Playgrounds  State parks  Fence	at promote or imposition of the matter of th	ede recreatio	onal uses. Attach photos  Urban areas  Nature trails	of evidence or  Campgrounds	
Currounding Condinusual items of interest.  City/County parks  Boating accesses  No trespass sign	tions*: (Mark all the)  Playgrounds  State parks  Fence	at promote or imposition of the MDC conserved National forest Steep slopes	ede recreation vation lands	onal uses. Attach photos  Urban areas  Nature trails	of evidence or  Campgrounds	
Currounding Condinusual items of interest.  City/County parks  Boating accesses  No trespass sign	tions*: (Mark all the)  Playgrounds  State parks  Fence  Use*:	at promote or imposition of the MDC conserved National forest Steep slopes	ede recreation vation lands	onal uses. Attach photos  Urban areas  Nature trails  Other:	of evidence or  Campgrounds  Stairs/walkway	

Site Locations Map(s): Attach a map of the entire segment with the assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID# 915-2:

	orphology: m View Physic:	al Dimensio	ons:			
	Width (ft.):	Length (f		Avg. Depth (ft.):	Max Depth (ft	.):
Run	Width (ft.):	Length (f	t.):	Avg. Depth (ft.):	Max Depth (ft.	):
Pool	Width (ft.): 27		t.): 100 + Ino		75 Max Depth (ft.	,
	am View Physic					
Riffle	Width (ft.):	Length (f	-30	Avg. Depth (ft.):	Max Depth (ft	.):
Run	Width (ft.):	Length (f	ì.):	Avg. Depth (ft.):	Max Depth (ft.	.):
Pool	Width (ft.): 27	Length (f	t.): /00 '	Avg. Depth (ft.):	75 Max Depth (ft.	): 3
Flow	Present?	Yes Z	No			
	: (These values sh					
%	Cobble	% Gravel	% Sand	% Silt	/OC) % Mud/Clay	% Bedrock
Water Ch	aracteristics*:	(Mark all that	apply)		00	
Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	Other	ye e
Color:	☐ Clear	Green	☐ Gray	Milky	Other Hud	1
Bottom dep	oosit: Sludge	☐ Solids	☐ Fine sedin	nents None	Other	
Surface dep	posit: Oil	☐ Scum	☐ Foam	None	Other	20 E
*This inform comprehensi decision on t I, the und this UAA	ation is not to be u ve understanding o he recreation use a ersigned heart datasheet is tru	sed solely for f water condit nalysis but may affirm to be and accu	removal of a recions. Conseque y point to condito the best of rate.	ntly, this information tions that need further my knowledge, t	ion but rather is to provi is not intended to directle analysis or that effect and hat all information	y influence a nother use.
Signed	Aures 1	/ lole	.00	Date: 6/8	105	

WBID 0915-Downstream #2





#### Data Sheet B - Site Characterization

(A separate sheet data sheet must be completed for each site)

Missouri WBID #:	215 #3		Site Location Description:			
Site GPS Coordinates:	39.0000000 (800000	4305590	Bridge on Dirt Rd			
Date & Time: 6/8/05 12:15			Facility Name:			
Personnel:				11171		
Current Weather Cond	itions: Simu t		Permit Number://			
Photo Ids: Upstream	- /	Downstream: 91	Weather Conditions for Past 7 Days:			
Photo ids. Opsiteain			503	Other:		
ses Observed*:	26	27				
Swimming	☐ Skin Diving	☐ SCUBA	diving	☐ Tubing	☐ Water Skiing	
☐ Wind surfing	☐ Kayaking	☐ Boating		☐ Wading	Rafting	
☐ Hunting	☐ Trapping	☐ Fishing	***	None of the above	Other:	
		. , , , ,		ntation of evidence of rec		
		. , , , , ,			,	
	5.13			(	,	
	tions*: (Mark all th			onal uses. Attach photos		
urrounding Condi	tions*: (Mark all th		ede recreatio	onal uses. Attach photos		
urrounding Conditions of interest.	tions*: (Mark all that)	at promote or imp	ede recreation	onal uses. Attach photos	of evidence or	
urrounding Condinusual items of interest.)	tions*: (Mark all the	at promote or imp	ede recreation	onal uses. Attach photos	of evidence or	
urrounding Conditations of interest.)  City/County parks  Boating accesses  No trespass sign	tions*: (Mark all the	at promote or imp  ☐ MDC conser  ☐ National fore	ede recreation	onal uses. Attach photos  Urban areas  Nature trails	of evidence or	
urrounding Conditions of interest.)  City/County parks  Boating accesses	tions*: (Mark all the	at promote or imp  ☐ MDC conser  ☐ National fore	ede recreation	onal uses. Attach photos  Urban areas  Nature trails	of evidence or	
urrounding Conditations of interest.)  City/County parks  Boating accesses  No trespass sign	tions*: (Mark all the	MDC conser ☐ National fore ☐ Steep slopes	vation lands	onal uses. Attach photos  Urban areas  Nature trails	of evidence or	
urrounding Conditions and items of interest.  City/County parks  Boating accesses  No trespass sign	tions*: (Mark all the	MDC conser ☐ National fore ☐ Steep slopes	vation lands	Urban areas  Nature trails  Other:	of evidence or  Campgrounds  Stairs/walkway	

Site Locations Map(s): Attach a map of the entire segment with the assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - WBID# 915: Data Sheet B - Site Characterization	
Stream Morphology:  Upstream View Physical Dimensions:	
Riffle Width (ft.): Length (ft.): Avg. Depth (ft.): Max Depth (ft.)	.):
Run Width (ft.): Length (ft.): Avg. Depth (ft.): Max Depth (ft.)	):
Pool Width (ft.): 75 Length (ft.): 70 Avg. Depth (ft.): / Max Depth (ft.)	): 1,5
Flow Present? Yes No	
Downstream View Physical Dimensions:	
Riffle Width (ft.): Length (ft.): Avg. Depth (ft.): Max Depth (ft.)	.):
Run Width (ft.): Length (ft.): Avg. Depth (ft.): Max Depth (ft.	
Pool Width (ft.): 8 Length (ft.): 125+Avg. Depth (ft.):   Max Depth (ft.)	):115
☐ Flow Present? ☐ Yes ☐ No	
Substrate*: (These values should add up to 100%)  % Cobble % Gravel % Sand % Silt 1/6 0 % Mud/Clay	% Bedrock
1700	70 Dedices
Aquatic Vegetation*: (note amount of vegetation or algaal growth at assessment site)  Nove	51° 46.
Water Characteristics*: (Mark all that apply)	
Odor: Sewage Musky Chemical None Other	
Color: Green Gray Milky Other Mud	Lx
Bottom deposit: Sludge Solids Fine sediments None Other	5%
Surface deposit: Oil Scum Foam None Other	1.00
*This information is not to be used solely for removal of a recreational use designation but rather is to provide comprehensive understanding of water conditions. Consequently, this information is not intended to directly decision on the recreation use analysis but may point to conditions that need further analysis or that effect and I, the undersigned hearby affirm to the best of my knowledge, that all information this UAA datasheet is true and accurate.  Signed:	y influence a nother use.



WBID 0915-Upstream #3



